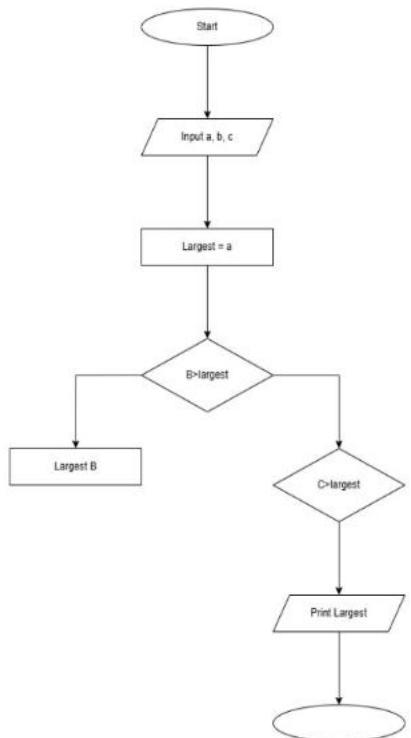


### **3.1.2- CELSIUS TO FARENHEIT**

ALGORITHM:

1. **Start.**
2. **Input:** Read the temperature in Celsius from the user (convert it to a float/decimal number).
3. **Calculate:** Multiply the Celsius value by  $9/5$  (or **1.8**).
4. **Adjust:** Add **32** to the result from Step 3.
5. **Format:** Round the final value to **2 decimal places**.
6. **Output:** Display the resulting Fahrenheit value.
7. **End.**

FLOWCHART:



**CODE:**

3.1.2. Celsius to Fahrenheit      00:41 A ⚡ -

Write a Python program to convert temperature from Celsius to Fahrenheit.

**Formula:**  
$$\text{Fahrenheit} = \left( \text{Celsius} \times \frac{9}{5} \right) + 32$$

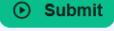
**Input Format:**

- Single line contains a float value representing the temperature in Celsius.

**Output Format:**

- Print the temperature in Fahrenheit as a float value formatted to 2 decimal places.

Sample Test Cases +

temperat... 

Explorer

```
1 celsius = float(input())
2 fahrenheit = (celsius * 9/5) + 32
3 print(f"{fahrenheit:.2f}")
```

Average time: 0.004 s (3.88 ms)   Maximum time: 0.007 s (7.00 ms)

4 out of 4 shown test case(s) passed

4 out of 4 hidden test case(s) passed

Test case 1 7 ms            

Expected output	Actual output
0.0	0.0
32.00	32.00